

**Etoma™ ET4103**

(PC+ABS)-CD

Polyalloy Inc.

| <b>Processing/Physical Characteristics</b> | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|--|--------------|-------------------|----------------------|
| <b>ASTM Data</b>                           |              |                   |                      |
| Melt Flow Index, MFI                       | <b>6</b>     | g/10min           | ASTM D 1238          |
| Temperature                                | <b>240</b>   | °C                | -                    |
| Load                                       | <b>5</b>     | kg                | -                    |
| <b>Mechanical properties</b>               |              |                   |                      |
| <b>ASTM Data</b>                           |              |                   |                      |
| Tensile Strength                           | <b>62.8</b>  | MPa               | ASTM D 638           |
| Elongation at Break                        | <b>10</b>    | %                 | ASTM D 638           |
| Flexural Modulus                           | <b>3434</b>  | MPa               | ASTM D 790           |
| Flexural Strength                          | <b>103</b>   | MPa               | ASTM D 790           |
| Izod Impact notched, 1/8 in                | <b>58.9</b>  | J/m               | ASTM D 256           |
| <b>Thermal properties</b>                  |              |                   |                      |
| <b>ASTM Data</b>                           |              |                   |                      |
| DTUL @ 66 psi                              | <b>132</b>   | °C                | ASTM D 648           |
| DTUL @ 264 psi                             | <b>117</b>   | °C                | ASTM D 648           |
| <b>Electrical properties</b>               |              |                   |                      |
| <b>ASTM Data</b>                           |              |                   |                      |
| Surface Resistivity                        | <b>1E8</b>   | Ohm               | ASTM D 257           |
| <b>Other properties</b>                    |              |                   |                      |
| Density                                    | <b>1190</b>  | kg/m <sup>3</sup> | ASTM D 792           |

**Characteristics****Special Characteristics**

Increased electrical conductivity, Heat stabilized or stable to heat

**Regional Availability**

Europe, Asia Pacific